LISA POWERFUL TRAFFIC DESIGN

LISA – BASICS [2]	LISA – PROFESSIONAL [3]
Design and evaluation of fixed time controls with traffic engineering workstation LISA	Design and evaluation of traffic actuated controls and coordination with traffic engineering workstation LISA
Contents: ▪ Introduction to LISA ▪ Intersection geometry, vehicle types and signal groups ▪ Intergreen time calculation ▪ Creation of phase sequence plans and phase transitions ▪ Setup and optimization of fixed time programs (manual/automatic) ▪ Definition of evaluation parameters and evaluation of signal timing plans ▪ Creation of switch-on and switch-off programs ▪ Creation of daily and weekly switching schedules Outlook on Coordination and Coordination Optimization (from LISA license package M)* *) This module is covered in detail in the "LISA-FOCUS Coordination" course. Please book separately.	**Contents:** ▪ Design of a traffic-actuated control ▪ Determination of detectors and detector position ▪ Explanation of the OMTC control principle and the OML function library ▪ Different types of logic and how to use them ▪ Creation of the control logic ▪ Compilation and manual test of the control logic ▪ Creation of tests and test patterns, stepwise debugging ▪ Creation of user functions ▪ Integration of blind signalization
2 days, 5 hours each plus breaks, online	2 days, 5 hours each plus breaks, online
Prerequisite: LISA Standard resp. license package LISA S or M	**Prerequisite:** LISA Professional resp. license package LISA M or XL
Fee: 700 € per Participant 650 € for customers with valid LISA- Software-Service-Agreement	Fee: 950 € per Participant 850 € for customers with valid LISA- Software-Service-Agreement

In case of questions please contact schulung@schlothauer.de

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LISA FOCUS: Coordination	LISA FOCUS: MAP
Introduction to the functionalities of the coordination optimization and evaluation module	**Introduction to MAP creation with LISA**
Content - Creating a coordination in LISA - Classic representation - Green band and public transport trips - Coordination evaluation in LISA - Coordination criterion and stops (HBS), performance index, wait time - Additional configuration for evaluation and platoon display - Turn-in and entry behavior - Coordination volume - "Downhill simplex" algorithm	**Content** - Guidelines for MAP/C-ITS messages - MAP in the context of C-ITS messages - MAP structure & organization - Special cases and features - Basics of MAP creation in LISA - Demonstration of a MAP creation in LISA
3h online	3h online
Prerequisite: License package LISA M or XL	**Prerequisite:** License package LISA M or XL, ideally with MAP module
Fee: 500 € per Participant 250 € for customers with valid LISA- Software-Service-Agreement	Fee: 500 € per Participant 250 € for customers with valid LISA- Software-Service-Agreement

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